Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claims 1-3. (Canceled).

4.   (Currently Amended) A ~~customizable application~~ system for generating a customizable application user interface, comprising:

~~an internet application system configured to support an internet application, the internet application system including,~~

~~a) a user interface generator configured to generate an application user interface, the application user interface including a customizable view all command and configured as an interface between the internet application and a user, and~~

~~b) a web application server configured to deliver the application user interface to a client, the client configured to display the application user interface to the user;~~

means for allowing a user to specify configuration data to customize [[the]] a customizable view all command in the application user interface, the configuration data defining a property of a user interface element for the view all command, the customizable view all command further being associated with metadata characterizing the user interface element;

a data repository including a data record and configured to store the configuration data in the data record, the configuration data defining a current state of the property; [[and]]

an application user interface generator configured to generate the application user interface in response to a request from a client device, the user interface generator being operable to access the data record to determine the current state of the customizable view all command at substantially the time of the request and generate markup language including the current state of the user customizable view all command;

a web application server operable to deliver the generated markup language for the application user interface to the client device; and

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means for preserving [[a]] the current state of the customizable view all command between one generation of the application user interface and another generation of the application user interface, ~~wherein~~ the application user interface generator [[is]] being further configured to automatically generate the one generation of the application user interface and the another generation of the application user interface ~~, wherein the one generation of the~~ ~~application user interface and the another generation are~~ as configured with the property of the view all command for the user interface element.

5.   (Previously Presented) The customizable application system of claim 4, wherein the customizable view all command is configurable to specify a maximum number of rows to display in the application user interface.

6.   (Previously Presented) The customizable application system of claim 4, wherein the user interface generator is responsive to an identity of a user.

7.   (Previously Presented) The customizable application system of claim 4, wherein a state of the customizable view all command is responsive to use of the application user interface in a specific application component.

8.   (Currently Amended) A system for developing an application user interface associated with an internet application comprising:

an integrated development environment configured to allow for the specification of ~~for a developer to specify~~ a user interface element in the application user interface, the user interface element having a user customizable view all command associated therewith, the integrated development environment configured to receive input from the user defining a property of the view all command, the property to be used to configure the user interface element;

an application designer configured to produce metadata characterizing the customizable view all command; and

a data repository including a data record associated with the customizable view all command, the data record being user modifiable and being accessible using the identity of a user or the identity of a client,

wherein the application user interface <u>is further configured to be</u> [[is]] automatically generated <u>in response to a request from a client device, the data record being accessed to determine a current state of the customizable view all command at substantially the time of the request, whereby markup language including the current state of the user customizable view all command is generated and delivered to the appropriate client device</u> [[and]] configured with the <u>current state of the</u> property of the view all command.

9.　(Previously Presented) The system of claim 8, wherein the application designer is configured to associate the user interface element with the internet application.

10.　(Previously Presented) The system of claim 8, wherein the customizable view all command is configurable to specify a maximum number of rows to display in the application user interface.

11.　(Previously Presented) The system of claim 10, wherein the integrated development environment is further configured to specify display of the customizable view all command in the user interface.

12.　(Previously Presented) The system of claim 11, wherein the customizable view all command is associated with a table.

13.　(Previously Presented) The system of claim 11, wherein the user interface element includes multiple rows of data.

14.　(Previously Presented) The system of claim 8, wherein a state of the customizable view all command is configurable to persist between uses of the application user interface.

15.　(Previously Presented) The system of claim 8, wherein the metadata includes a query for accessing the data record.

16. (Previously Presented) The system of claim 8, wherein the metadata includes a pointer for accessing the data record.

17. (Previously Presented) The system of claim 8, wherein the data record is user modifiable using a configuration system.

18. (Previously Presented) The system of claim 8, wherein the data record is user modifiable using a personalization system.

19. (Previously Presented) The system of claim 18, wherein the personalization system is integrated into the internet application.

20. (Currently Amended) A customizable application system comprising:

an internet application system configured to support an internet application;

a configuration system configured to receive input from the user defining a property of a user interface element for the internet application, the user interface element having a user customizable [[the]] view all command associated therewith, the property to be used to configure the user interface element;

an application user interface including [[a]] the user interface element, the application user interface configured as an interface between the internet application and a user, the user interface element including [[a]] the customizable view all command configured for delivery to a client over a computer network in response to a client request, wherein the application user interface is automatically generated and configured with the property of the view all command, the property being used to determine a current state of the user customizable view all command at substantially the time of the client request in order to generate markup language including the current state of the user customizable view all command and deliver the application user interface including the current state of the customizable view all command to a client device issuing the client request;

metadata characterizing the customizable view all command; and

a data repository including a data record associated with the customizable view all command, the data record being user modifiable and for storing configuration data defining the property.

21. (Previously Presented) The customizable application system of claim 20, wherein the client is configured to display the application user interface using standard web browser protocols.

22. (Previously Presented) The customizable application system of claim 20, wherein the client is configured to display the application user interface using features of a web browser, the features not requiring a browser add-on, plug-in, or extension.

23. (Previously Presented) The customizable application system of claim 20, further including means for generating the application user interface using the metadata.

24. (Previously Presented) The customizable application system of claim 23, wherein the metadata includes a reference to the data record.

25. (Previously Presented) The customizable application system of claim 20, further including a personalization system configured to modify the configuration data.

26. (Previously Presented) The customizable application system of claim 25, wherein the personalization system is included in the internet application.

27. (Currently Amended) An internet application system comprising:

a user interface generator configured to generate an application user interface including a user interface element, the application user interface being compatible with a standard web browser and being generated in response to a request from a user, the user interface element including a user customizable view all command, a current state of the customizable view all command being responsive to an identity of the user and customizable by the user with that identity, wherein a property input is received from input from the user defining a property of the view all command, the property to be used to configure the user interface element, wherein the application user interface [[is]] operable to be automatically generated and configured with the property of the view all command, the property being used to determine a current state of the user customizable view all command at substantially the time of the request in order to generate markup language including the current state of the user customizable view all command and

deliver the application user interface including the current state of the customizable view all command to the user;

a web application server configured to deliver the application user interface to a client of the user; and

an internet application accessible to the user through the application user interface.

28. (Previously Presented) The internet application system of claim 27, wherein the user interface generator is further configured to use metadata for characterizing the customizable view all command.

29. (Previously Presented) The internet application system of claim 27, wherein the customizable view all command includes selection of a maximum number of rows to display in a table in the user interface.

30. (Previously Presented) The internet application system of claim 27, wherein the user interface generator is configured to access a user modifiable data record for characterizing the view all command.

31. (Previously Presented) The internet application system of claim 27, wherein the internet application includes a configuration system configured to modify configuration data characterizing the view all command.

32. (Previously Presented) The internet application system of claim 27, wherein the client is a wireless system.

33. (Currently Amended) An internet application comprising:

an application engine including a computer program configured to run using an internet application system;

an application user interface including a user interface element with a user customizable view all command, the application user interface configured for delivery to a client and to operate as an interface between a user and the internet application;

a user modifiable data record stored in a location physically remote from the client, the data record configurable for use by a user interface generator to generate the application user interface, the data record further including configuration data to characterize the user customizable view all command, wherein the data record defines a property received from the user, the property defining the view all command and used to configure the user interface element; and

metadata configurable for use by the user interface generator to access the user modifiable data record,

wherein the application user interface is automatically generated and configured with the property of the view all command, the property being used to determine a current state of the user customizable view all command at substantially the time of the request in order to generate markup language including the current state of the user customizable view all command and deliver the application user interface including the current state of the customizable view all command to the user.

34.   (Previously Presented) The internet application of claim 33, wherein the metadata is configurable to include information for use by the user interface generator to access the user modifiable data record using a query.

35.   (Previously Presented) The internet application of claim 33, wherein the user interface generator is responsive to an identity of the client.

36.   (Previously Presented) The internet application of claim 33, wherein the user interface generator is responsive to an identity of a user.

37.   (Previously Presented) The internet application of claim 33, further including a personalization system configured to modify the user modifiable data record.

38.   (Currently Amended) An application user interface for accessing an internet application, the application user interface being generated in response to a user request using metadata and being configured for display on a client using a standard web browser, the metadata being configured to access a user modifiable data record including configuration data characterizing a user customizable view all command, the application user interface including

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the customizable view all command, the configuration data defining a property of the view all command based on input from the user, ~~the property to be used to configure the application user interface,~~ wherein the application user interface is automatically generated and configured with the property of the view all command, the property being used to determine a current state of the user customizable view all command at substantially the time of the user request in order to generate markup language including the current state of the user customizable view all command and deliver the application user interface including the current state of the customizable view all command to the client of the user.

39.   (Previously Presented) The application user interface of claim 38, wherein the data record accessed using the metadata is dependant on an identity of a user of the application user interface.

40.   (Previously Presented) The application user interface of claim 38, wherein the configuration data characterizing the customizable view all command is dependant on an identity of the client.

41.   (Previously Presented) The application user interface of claim 38, wherein the customizable view all command is configurable to specify a maximum number of rows to display in a table.

42.   (Previously Presented) The application user interface of claim 38, wherein the user modifiable data record is used to preserve a state of the customizable view all command between a display of the application user interface and a subsequent display of the application user interface.

43.   (Currently Amended) A ~~customizable application~~ system for generating a customizable application user interface, comprising:

~~an internet application system configured to support an internet application, the internet application associated with metadata configured for generating an application user interface, the internet application system including,~~

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~~a) a web application server configured to deliver the application user interface to a client, and~~

~~b) an application server configured to generate the application user interface;~~

an application development system configured to <u>allow for the specification of a user interface element in the application user interface, the user interface element having a customizable view all command associated therewith, the application development system being further configured to</u> generate ~~the~~ metadata <u>characterizing the</u> ~~, the metadata being further configured to characterize a~~ view all command included in the application user interface;

a configuration system including a configuration engine and a configuration interface, the configuration interface configured for a user to modify configuration data characterizing the view all command, the configuration system configured to receive input from the user defining a property of the view all command, the property to be used to configure the application user interface; [[and]]

a data repository including a data record for storing the configuration data, the data record being accessible using the metadata<u>;</u> [[,]]

<u>an application user interface generator configured to generated the application user interface in response to a request from a client device, the user interface generator configured to use the data record to determine a current state of the user customizable view all command at substantially the time of the request and generate markup language including the current state of the user customizable view all command; and</u>

<u>a web application server operable to deliver the generated markup language for the application user interface to the client device.</u>

~~wherein the application user interface is automatically generated and configured with the property of the view all command.~~

44.   (Currently Amended) A ~~customizable application~~ system <u>for generating a customizable application user interface,</u> comprising:

~~an internet application system configured to support an internet application, the~~
~~internet application associated with metadata configured for generating a plurality of application~~
~~user interfaces each having a view all command, the internet application system including,~~

~~a) an application server configured to generate the application user~~
~~interface, and~~

~~b) a web application server configured to deliver the application user~~
~~interface to a client;~~

a personalization system including a personalization engine and a user profile interface, the personalization system configured to modify a data record including personalization data based on input from a user defining a property of [[the]] a <u>user customizable</u> view all command <u>associated with a user interface element of a plurality of application user</u> <u>interfaces,</u> the property to be used to configure the user interface element, the personalization data characterizing the view all command in more than one of the plurality of application user interfaces; and

a data repository including the data record for storing the personalization data, the data record being accessible using the metadata <u>for</u> ~~wherein~~ the plurality of application user interfaces; ~~are automatically generated and configured with the property of the view all~~ ~~command.~~

<u>an application user interface generator configured to generated any of the plurality</u> <u>of application user interfaces in response to a request from the user, the user interface generator</u> <u>configured to use the data record to determine a current state of the user customizable view all</u> <u>command at substantially the time of the request and generate markup language including the</u> <u>current state of the user customizable view all command; and</u>

<u>a web application server operable to deliver the generated markup language for</u> <u>the application user interface to the user.</u>

45. (Previously Presented) The customizable application system of claim 44, wherein the view all command is configurable to specify a maximum number of rows to display in a table.

46. (Previously Presented) The customizable application system of claim 44, wherein the personalization data is used to preserve a state of the view all command between two of the plurality of application user interfaces.

47. (Currently Amended) A method of developing an application user interface, the method comprising the steps of:

receiving input from [[the]] a user defining a property of [[the]] a view all command associated with a user interface element of the application user interface, the property to be used to configure the user interface element;

storing metadata associated with the user interface element for accessing the property;

in response to a request from a user, accessing a data record storing the property to determine a current state of the property for the user customizable view all command;

automatically generating markup language for the application user interface in response to the request, the generated markup language including the current state of the user customizable view all command at substantially the time of the request; and ~~including a customizable view all command in the application user interface, wherein the application user interface is automatically generated and configured with the property of the view all command, the customizable view all command being associated with a data record, the data record being stored in a data repository and holding user-modifiable configuration data, the data repository being physically remote from a client used to display the application user interface;~~

delivering the generated markup language for the application user interface to the user.

~~generating metadata associated with the customizable view all command, the metadata being for accessing the configuration data; and~~

~~storing the metadata.~~

48. (Previously Presented) The method of claim 47, wherein the customizable view all command includes a user alterable property specifying a maximum number of rows to include in the application user interface.

49. (Previously Presented) The method of claim 47, wherein a property of the customizable view all command is configurable to persist between uses of the application user interface.

50. (Previously Presented) The method of claim 47, wherein the application user interface is HTML based and configured for display using a standard web browser.

51. (Currently Amended) A method of customizing an application user interface, the method comprising the steps of:

accessing a page definition, the page definition including metadata associated with a customizable property of a view all command;

accessing a data record using the metadata, the data record being stored in a data repository and being user modifiable in response to receiving input from the user defining a property of the view all command, the property to be used to configure the user interface element, the data repository being physically remote from a client used to display an application user interface;

accessing configuration data in the data record, the data record defining the property;

determining a ~~value defining~~ current state of the customized property using the configuration data; and

generating markup-language responsive to the determined value in response to a request from the user, the generated markup language including the current state of the customized property for the view all command at substantially the time of the request to be delivered to the user. ~~; and~~

~~including the generated markup-language in the application user interface, wherein the markup-language is usable to automatically generate and configure the application user interface with the property of the view all command.~~

52. (Previously Presented) The method of claim 51, wherein the application user interface is an interface to an internet application.

53. (Previously Presented) The method of claim 51, wherein accessing a data record using the metadata is responsive to an identity of a user.

54. (Previously Presented) The method of claim 51, wherein the value defining the customized property determines a maximum number of rows to display in the application user interface.

55. (Previously Presented) The method of claim 51, wherein the value defining the customized property determines a number of columns to display in the application user interface.

56. (Currently Amended) A method of customizing a view all command in an application user interface, the method comprising the steps of:

accessing a configuration system, the configuration system including a configuration engine and a configuration interface;

selecting, using the configuration interface, a user interface element in an HTML based application user interface, the user interface element including the customizable view all command; and

specifying configuration data using the configuration interface, the configuration data characterizing a property of the view all command [[,]] and ~~the configuration data~~ being stored in a data repository physically remote from a client used to view the application user interface, ~~wherein the application user interface is automatically generated and configured with the property of the view all command~~ the configuration data in the data repository being accessed in response to a request from a user in order to determine a current state of the user customizable view all command at substantially the time of the request and generate markup language including the current state of the user customizable view all command, the generated markup language to be delivered to the user for display on a client device.

57. (Previously Presented) The method of claim 56, wherein the configuration data specifies a maximum number of rows to display in the application user interface.

58. (Previously Presented) The method of claim 56, further including modifying the configuration data using a personalization system.

59. (Previously Presented) The method of claim 56, further including generating the application user interface in response to a request from the client.

60. (Previously Presented) The method of claim 56, further including displaying the application user interface on the client using standard web browser protocols.

61. (Previously Presented) The method of claim 56, wherein the application user interface is displayed without requiring a browser add-on, plug-in, or extension.

62. (Currently Amended) A method of customizing a view all command in an application user interface configured to access an internet application, the method comprising the steps of:

accessing a configuration system, the configuration system including a configuration engine and a configuration interface;

selecting, using the configuration interface, a <u>user</u> customizable view all command in an HTML based application user interface;

a user-specifying configuration data using the configuration interface, the configuration data characterizing a property of the view all command in the application user interface; <u>and</u>

saving the specified configuration data, whereby in response to receiving a request, the configuration data is accessed in order to determine a current state of the user customizable view all command at substantially the time of the request and generate markup language including the current state of the user customizable view all command, the generated markup language to be delivered to the user for display on a client device. ; and

automatically generating and configuring the application user interface with the property of the view all command using the specified configuration data.

63. (Previously Presented) The method of claim 62, further including displaying the application user interface using standard web browser protocols.

64. (Previously Presented) The method of claim 63, wherein a state of the customizable view all command persists between a display of the application user interface and another display of the application user interface.

65. (Previously Presented) The method of claim 62, further including determining a maximum number of rows generated in the application user interface, using the specified configuration data.

66. (Currently Amended) A method of executing an internet application comprising the steps of:

receiving a request for a user interface from a client, the user interface including a user interface element;

accessing a page definition, the page definition including metadata and defining the requested user interface;

retrieving, using the metadata, a value characterizing a user customizable view all command included in the user interface element, the value being stored in a data repository physically remote from the client, the value received from the user and defining a current state of a property of the view all command, the property to be used to configure the user interface element;

generating HTML ~~responsive to the value~~ including the current state of the user customizable view all command at substantially the time of the request;

including the generated HTML in the requested user interface; and

delivering the requested user interface to the client, the requested user interface being an interface between a user and the internet application, wherein the user interface is automatically generated and configured with the current state of the property of the user customizable view all command.

67. (Previously Presented) The method of claim 66, wherein the value includes a maximum number of rows to display when all rows are not displayed in the requested user interface.

68.   (Previously Presented) The method of claim 66, wherein the value is used to preserve a state of the customizable view all command between at least two repetitions of the step of generating HTML.

69.   (Previously Presented) The method of claim 66, wherein retrieving a value characterizing a customizable view all command using the metadata includes execution of a query.

70.   (Previously Presented) The method of claim 66, further including displaying the application user interface using standard web browser protocols.

71.   (Previously Presented) The method of claim 66, further including identifying the user, and wherein the step of using the metadata to retrieved a value is responsive to the identity of the user.

72.   (Currently Amended) A method of generating at least one application user interface of a plurality of application user interfaces each including a <u>user</u> customizable view all command, the method comprising the steps of:

  <u>receiving a request from a user for at least one of the plurality of application user interfaces;</u>

  accessing a page definition, the page definition including metadata associated with the view all command;

  accessing the metadata to obtain a reference to a data record;

  reading configuration data from the data record using the reference, the data record being stored in a data repository and being user modifiable in response to receiving input from the user defining a property of the view all command, <u>a current state of</u> the property to be used to configure the user interface element, the data repository being physically remote from a client used to display the application user interface, the configuration data characterizing the customizable view all command in the at least one of the plurality of application user interfaces and in an other of the plurality of application user interfaces;

  generating HTML ~~responsive to the configuration data, wherein the HTML is usable to automatically generate and configure the application user interface with the property of~~

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~~the view all command~~ including the current state of the user customizable view all command at substantially the time of the request; and

including the generated HTML in the at least one application user interface to be delivered to the user in response to the request.

73. (Previously Presented) The method of claim 72, wherein the at least one of the plurality of application user interfaces is displayed to a user and the other of the plurality of application user interfaces is displayed to an other user.

74. (Previously Presented) The method of claim 72, wherein the at least one of the plurality of application user interfaces and the other of the plurality of application user interfaces are displayed to a user.

75. (Previously Presented) The method of claim 72, wherein the configuration data includes a maximum number of rows to display in the application user interface.

76. (Previously Presented) The method of claim 72, wherein the configuration data is used to preserve a state of the customizable view all command between two executions of the step of generating HTML.

77. (Previously Presented) The method of claim 72, further including delivering, using a web application server, the application user interface to the client.

78. (Previously Presented) The method of claim 72, wherein reading configuration data from the data record using the reference includes execution of a query.

79. (Previously Presented) The method of claim 72, further including displaying the application user interface using standard web browser protocols.

80. (Previously Presented) The method of claim 72, wherein reading configuration data from the data record using the reference includes using an identity of a user.

81.   (Currently Amended) A method of generating a customized application user interface configured for delivery from a server to a client, the method comprising the steps of:

receiving, at a server, a request for an application user interface from a client;

identifying the requester of the application user interface;

accessing a page definition, the page definition including metadata and defining the requested application user interface;

retrieving a value relating to a customizable view all command [[,]] using the metadata and the identity of the requester, the value being stored in a data repository physically remote from the client, the value received from the user and defining a <u>current state of a</u> property of the view all command, the property to be used to configure the user interface element;

generating HTML ~~characterizing the view all command, using the value~~ <u>including the current state of the property of the user customizable view all command at substantially the time of the request</u>;

including the generated HTML in the requested application user interface; and

delivering the <u>generated HTML for the</u> requested application user interface <u>including the current state of the property of the user customizable view all command</u> from the server to the client<u>.</u> ~~, wherein the user interface is automatically generated and configured with the property of the view all command.~~

82.   (Previously Presented) The method of claim 81, wherein the value includes a maximum number of rows to display in the application user interface.

83.   (Previously Presented) The method of claim 81, wherein the value is used to preserve a state of the view all command between one generation and another generation of the application user interface.

84.   (Previously Presented) The method of claim 81, further including displaying the application user interface using standard web browser protocols.

85.   (Previously Presented) The method of claim 81, wherein the value is configuration data.

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86.   (Currently Amended) A computer readable medium including an internet application, the internet application comprising:

metadata defining an application user interface, the application user interface including a user interface element with a user customizable view all command, the application user interface configured for delivery to a client and configured to operate as an interface between a user and the internet application;

a user interface generator configured to generate the application user interface using a user modifiable data record stored in a location physically remote from the client, the user modifiable data record configurable to characterize the user customizable view all command; and

a configuration system configured for a user to modify the user modifiable data record defining a property of the view all command, the property to be used to configure the user interface element,

wherein in response to a request from a user, the user interface generator is operable to access the user modifiable data record to determine a current state of a property of the user customizable view all command at substantially the time of the request, the user interface generator being further operable to generate markup language including the current state of the property for delivery to the user.

~~wherein the application user interface is automatically generated and configured with the property of the view all command.~~

87.   (Currently Amended) A computer readable medium including an internet application, the internet application comprising:

an application designer configured to develop an application user interface, the application user interface including a user interface element with a user customizable view all command, the application user interface configured for delivery to a client and configured to operate as an interface between a user and the internet application;

a user interface generator configured to generate the application user interface in response to a request from a user using a user modifiable data record stored in a location

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physically remote from the client, the user modifiable data record configurable to characterize the customizable view all command, the user interface generator operable to use the user modifiable data record to determine a current state of the user customizable view all command at substantially the time of the request and generate markup language including the current state of the user customizable view all command for delivery to the user; and

a configuration system configured for a user to modify the user modifiable data record defining a property of the view all command, the property to be used to configure the user interface element. [[,]]

wherein the application user interface is automatically generated and configured with the property of the view all command.

88.   (Currently Amended) An application execution system comprising:

means for supporting an internet application;

means for generating an application user interface using a user modifiable data record configured to store data characterizing a user customizable view all command, the data received from the user and defining the property of the view all command, the property to be used to configure the user interface element, wherein the user interface is automatically generated and configured with a property of the view all command the application user interface being generated in response to a request from a user, the user modifiable data record being accessed in order to determine a current state of the user customizable view all command at substantially the time of the request and generate markup language for the application user interface including the current state of the user customizable view all command; and

means for providing the generated markup language for the application user interface to a user. , the application user interface including a user interface element, the application user interface configured as an interface between the internet application and the user, the user interface element including the user customizable view all command, the user interface element configured for delivery to a client over a computer network.